

✓

02 ANSWER 203 OF 259 CA COPYRIGHT 2005 ACS on STN  
 0N 101:136487 CA  
 0D Entered STN: 13 Oct 1984  
 0I Aerobic stabilization of organic sludges  
 0N Apro, Istvan; Benedek, Pal; Czepek, Gyula; Farkas, Peter; Mucsy, Gyorgy;  
 Olah, Jozsef; Torocsik, Ferenc  
 0A Vizgazdalkodasi Tudomanyos Kutato Kozpont, Hung.; Keletmagyarorszagi  
 Vizugyi Tervezo Vallalat  
 0O Hung. Teljes, 7 pp.  
 CODEN: HUXXB  
 0T Patent  
 0A Hungarian  
 0C C02F003-12; C02F011-00  
 0C 60-5 (Waste Treatment and Disposal)  
 PAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 31027	O	19840428	HU 1982-606	19820301
	HU 188572	B	19860428		
PRAI	HU 1982-606		19820301		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
------------	-------	------------------------------------

HU 31027	IC	C02F003-12IC C02F011-00
----------	----	-------------------------

AB Sludge is aerated in an aeration basin for 8-12 days using a conventional  
 aeration unit. The sludge is dewatered after mixing with  
 perlite or fly ash. Metal salts with valencies 2 and  
 3 (e.g., Fe<sup>2+</sup>, Ca<sup>2+</sup>, Al<sup>3+</sup>) are added and the pH is adjusted to 8.3-8.5  
 with lime. Washing water of equal or larger volume of the sludge is added  
 and the treated sludge is thickened. Part of the thickened sludge is  
 recirculated to the aeration basin and the remainder of the sludge is  
 dewatered. The decanted sludge water is introduced into an  
 activated-sludge basin.

0T aerobic stabilization org sludge  
 0I Perlite

RL: PROC (Process)  
 (additive, in wastewater organic sludge dewaterin

teach dewatering sludge  
 with fly ash